

STN

10771695

=> d his

(FILE 'HOME' ENTERED AT 18:01:00 ON 06 MAR 2009)

FILE 'CAPLUS' ENTERED AT 18:01:19 ON 06 MAR 2009

L1 13679 S CORYNEBACTERIUM
L2 18 S L1 AND ORF2
L3 18 S L2 AND NUCLEOTIDE?
L4 264 S L1 AND (ASPARTOKINASE OR "ASPARTATE KINASE")
L5 4 S L3 AND L4

=> d L5 1-4

L5 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2002:637692 CAPLUS
DN 137:184570
TI Use of ask, asd, dapB, ddh, and lysA genes for improved L-lysine
fermentation in Corynebacterium glutamicum
IN Li, Lhing-yew; Trei, Kelli Jean
PA Archer-Daniels-Midland Company, USA
SO PCT Int. Appl., 97 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2002064610	A1	20020822	WO 2002-US3469	20020208
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2437656	A1	20020822	CA 2002-2437656	20020208
	AU 2002243853	A1	20020828	AU 2002-243853	20020208
	US 20030055232	A1	20030320	US 2002-67974	20020208
	US 20050250937	A9	20051110		
	US 7368276	B2	20080506		
	EP 1368367	A1	20031210	EP 2002-709367	20020208
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	BR 2002007037	A	20040622	BR 2002-7037	20020208
	NZ 527129	A	20050527	NZ 2002-527129	20020208
	NO 2003003452	A	20031007	NO 2003-3452	20030804
	MX 2003007089	A	20041015	MX 2003-7089	20030807
	US 20060286645	A1	20061221	US 2006-510084	20060825
PRAI	US 2001-267183P	P	20010208		
	US 1999-173707P	P	19991230		
	US 2000-184130P	P	20000222		
	US 2000-722441	A1	20001128		
	US 2002-67974	A1	20020208		
	WO 2002-US3469	W	20020208		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2001:507854 CAPLUS

DN 135:103354

TI Increased lysine production by transformation of construct expressing multi-genes involved in lysine biosynthesis in *Corynebacterium*

IN Hanke, Paul D.; Li-D'Elia, Lhing-Yew; Rayapati, John

PA Archer-Daniels-Midland Company, USA

SO PCT Int. Appl., 158 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2001049854	A2	20010712	WO 2000-US35617	20001229
	WO 2001049854	A3	20020613		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 6927046	B1	20050809	US 2000-722441	20001128
	CA 2396052	A1	20010712	CA 2000-2396052	20001229
	BR 2000016833	A	20021001	BR 2000-16833	20001229
	EP 1246921	A2	20021009	EP 2000-989600	20001229
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	JP 2004500072	T	20040108	JP 2001-550382	20001229
	NZ 520390	A	20040227	NZ 2000-520390	20001229
	AU 783684	B2	20051124	AU 2001-26088	20001229
	US 20030055232	A1	20030320	US 2002-67974	20020208
	US 20050250937	A9	20051110		
	US 7368276	B2	20080506		
	MX 2002006524	A	20030212	MX 2002-6524	20020628
	KR 760222	B1	20071004	KR 2002-708533	20020629
	US 20040126854	A1	20040701	US 2004-771695	20040204
	US 20060286645	A1	20061221	US 2006-510084	20060825
PRAI	US 1999-173707P	P	19991230		
	US 2000-184130P	P	20000222		
	US 2000-722441	A	20001128		
	WO 2000-US35617	W	20001229		
	US 2001-267183P	P	20010208		
	US 2002-67974	A1	20020208		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2009 ACS on STN

AN 1999:581651 CAPLUS

DN 132:9492

TI Sequence analysis and expression of the aspartokinase and aspartate semialdehyde dehydrogenase operon from rifamycin SV-producing *Amycolatopsis mediterranei*

AU Zhang, W.; Jiang, W.; Zhao, G.; Yang, Y.; Chiao, J.

CS Shanghai Institute of Plant Physiology, Department of Microbiology, Academia Sinica, Shanghai, 200032, Peop. Rep. China

SO Gene (1999), 237(2), 413-419

CODEN: GENED6; ISSN: 0378-1119

PB Elsevier Science B.V.

DT Journal

LA English

RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2009 ACS on STN

AN 1991:465618 CAPLUS

DN 115:65618

OREF 115:11179a,11182a

TI Aspartokinase genes lysC.alpha. and lysC.beta. overlap and are
adjacent to the aspartate .beta.-semialdehyde dehydrogenase gene asd in
Corynebacterium glutamicum

AU Kalinowski, Joern; Bachmann, Bernd; Thierbach, Georg; Puehler, Alfred

CS Fak. Biol., Univ. Bielefeld, Bielefeld, W-4800/1, Germany

SO Molecular and General Genetics (1990), 224(3), 317-24

CODEN: MGGEAE; ISSN: 0026-8925

DT Journal

LA English